

SUMTER COUNTY PUBLIC WORKS

PROJECT: SUMTER COUNTY - 2010 TRAFFIC COUNT PROGRAM

Sumter County Project Manager: William F. Stevens, Jr., P.E.

Expenditure Account Code: 103-340-541-3436

BACKGROUND:

Public Works previously conducted short-term surveys of 24 hour duration using portable automated equipment are conducted to measure traffic volume flow on segments of urban and rural highways with Sumter County. These segments (traffic break) are listed on the attached spreadsheet which defines the limits of applicability for the survey location.

SCOPE OF WORK:

Part 1: (Required Data)

- Conduct short term surveys to establish the AADT at the locations designated (approximately 234 Sites).
- Survey period January 18, 2010 to February 19, 2010. (Period may be abbreviated about a central focus point of February 3, 2010).
- Avoid any holidays or special events.
- Rural road traffic is at its maximum on Monday - Friday. Urban (Villages) traffic is at its maximum over the weekend but since this data would be used by others in traffic analyses counts should be taken also during the interval of Monday - Friday. Mid week counts are desirable however it is our intention not to specify any requirement that would drive up the annual cost.
- Counts are to produce a 24-hour total number of vehicles in one hour intervals without seasonal adjustments.
NOTE: When golf cart paths cohabitate the traveled way, separate counts are to be taken to determine vehicular and path traffic. (Required at approximately 68 Sites).
- In urban areas, a minimum simple count of 24-hours is required.
- In rural areas, a minimum simple count of 48-hours is required.
- Compare new counts to existing (if applicable) counts provided.
- Re-count to determine validity of any suspect count should a substantial variation be realized.
- Update the spreadsheet provided to include the 2010 AADT and peak hour counts w/time (24 hr.) and submit to the County. Example 1,320 17:00.

Part 2: (Optional Data)

- Count data shall be reported in 15 minute intervals.
- Vehicle classification count categorizes vehicles by type into 13 vehicle classes (e.g., motorcycles, passenger cars, busses, single-unit heavy trucks, semi-trailer trucks, and tandem trucks).

DATA ACCURACY:

To accurately collect traffic data, the firm will ensure that each survey instrument is tested annually. Prior to starting data collection, the firm will submit insure that the equipment is performing properly and furnish an annual statement of equipment certification to the County before January 18, 2010.

DELIVERABLES:

1. Final updated spreadsheet.
2. Supplemental count data per site. (If Part 2 is authorized.)

PROPOSAL SUBMISSION FORMAT:

Part 1: \$38,086.00

Part 2: \$8,451.00

Total: \$46,537.00

METHOD OF PAYMENT:

- ✓ Lump Sum at completion and acceptance of deliverable.